

## NEW UNITED STATES UTILITY PATENT APPLICATION TRANSMITTAL

Atty. Docket No.: 20563/2284

**CERTIFICATE OF MAILING UNDER 37 CFR 1.10**

I hereby certify that the paper (and any paper or fee referred to as being enclosed) is being deposited with the United States Postal Service using Express Mail to Addressee Service, under 37 C.F.R. Section 1.10, **Express Mail Label No. EL928104226US** on this date, **March 15, 2004**, postage prepaid, in an envelope addressed to Mail Stop Patent Application, Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

David J. Dykeman

Name of Person Mailing Paper

Signature of Person Mailing Paper

Mail Stop Patent Application  
Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

16834 U.S. PTO  
10/800921**Enclosed herewith is a new patent application of:**

First Named Inventor (or application identifier): Hare et al.

Title of Invention: Apparatus and Method for Ultrasonic Medical Device with Improved Visibility in Imaging Procedures

Type: ☐ New  
☒ Continuation of: 10/328,202  
☐ Continuation-in-Part of:  
☐ Divisional of:  
which is hereby incorporated by reference in its entirety into the application filed herewith;

**and includes the following papers:**

1. ☒ Specification 37 pages (including specification, claims, abstract)/40 claims (4 independent)
2. ☒ Declaration/Power of Attorney is:  
☐ Executed ☐ Unexecuted ☒ Executed copy from Parent Application  
☐ NOT included, but deferred under 37 C.F.R. § 1.53(f).
3. ☒ 6 Distinct sheets of ☒ Formal ☐ Informal Drawings
4. ☒ Application Data Sheet
5. ☐ Preliminary Amendment.
6. ☐ Information Disclosure Statement  
☐ Form 1449 ☐ A copy of each cited prior art reference (as necessary)
7. ☐ Assignment with Recordation Cover Sheet.
8. ☐ Priority is hereby claimed under 35 U.S.C. § 119 based upon the following application(s):

| Country | Application Number | Date of Filing (day, month, year) |
|---------|--------------------|-----------------------------------|
|         |                    |                                   |

9. ☒ Priority is hereby claimed under 35 U.S.C. § 120 based upon the following application(s):

| Application Number | Date of Filing (day, month, year) |
|--------------------|-----------------------------------|
| 10/328,202         | December 23, 2002                 |

10. ☐ Priority is hereby claimed under 35 U.S.C. § 121 based upon the following application(s):

| Application Number | Date of Filing (day, month, year) |
|--------------------|-----------------------------------|
|                    |                                   |

# NEW UNITED STATES UTILITY PATENT APPLICATION TRANSMITTAL

Atty. Docket No.: 20563/2284

The above applications from which priority is claimed are hereby incorporated in their entirety into the application filed herewith.

11. ☐ Priority document(s).
12. ☐ Microfiche Computer Program (Appendix).
13. ☐ Nucleotide and/or Amino Acid Sequence Submission.  
☐ Computer Readable Copy.  
☐ Paper Copy (identical to computer copy).  
☐ Statement verifying identity of above copies.
14. ☐ Request for Non-Publication and Certification under 35 USC 122 (b)(2)(B)(i)
15. ☒ Statement of Small Entity Status, Pursuant to 37 C.F.R. §1.27.
16. Calculation of Fees:

| FEES FOR   | TOTAL CLAIMS     | EXCESS CLAIMS | FEE      | AMOUNT DUE      |
|--|------------------|---------------|----------|-----------------|
| Basic Filing Fee (37 C.F.R. § 1.16(a))                           |                  |               |          | \$770.00        |
| Total Claims in <b>Excess of 20</b> (37 C.F.R. § 1.16(c))        | 40               | 20            | \$18.00  | 360.00          |
| Independent Claims in <b>Excess of 3</b> (37 C.F.R. § 1.16(b))   | 4                | 1             | \$86.00  | 86.00           |
| Multiple Dependent Claims (37 C.F.R. § 1.16(d))                  | No               |               | \$290.00 | 0.00            |
| Subtotal - Filing Fee Due  |                  |               |          | 1216.00         |
| Reduction by 50%, if Small Entity (37 C.F.R. §§ 1.9, 1.27, 1.28) | MULTIPLY BY 0.50 |               |          | 608.00          |
| <b>TOTAL FILING FEE DUE</b>                                      |                  |               |          | <b>608.00</b>   |
| Assignment Recordation Fee (if applicable) (37 C.F.R. § 1.21(h)) | 0                |               | \$40.00  | 0.00            |
| <b>GRAND TOTAL DUE</b>   |                  |               |          | <b>\$608.00</b> |

17. PAYMENT is:  
☒ The Commissioner is hereby authorized to charge any fees to Deposit Account 16-0085, Ref. 20563/2284.  
☐ not included, but deferred under 37 C.F.R. § 1.53(f).

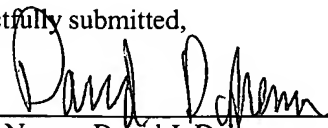
18. All correspondence for the attached application should be directed to:

**Richard B. Smith**  
**Customer Number 29934**  
 111 Huntington Avenue  
 Boston, MA 02199-7613

19. Other: \_\_\_\_\_

Respectfully submitted,

Date: March 15, 2004

By:   
 Name: David J. Dykeman  
 Registration No.: 46678



21861 U.S. PTO

Atty. Docket No.: 20563/2284

PATENT

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Application of: Hare et al.  
Serial No.: Not Yet Assigned  
Filed: March 15, 2004  
Entitled: Apparatus and Method for Ultrasonic  
Medical Device with Improved Visibility in  
Imaging Procedures

**CERTIFICATE OF MAILING UNDER 37 CFR 1.10**

I hereby certify that the paper (and any paper or fee referred to as being enclosed) is being deposited with the United States Postal Service using Express Mail to Addressee Service, under 37 C.F.R. Section 1.10, **Express Mail Label No. EL928104226US** on this date, **March 15, 2004**, postage prepaid, in an envelope addressed to Mail Stop Patent Application, Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

David J. Dykeman

Name of Person Mailing Paper

Signature of Person Mailing Paper

**Mail Stop Patent Application**  
**Commissioner for Patents**  
**P.O. Box 1450**  
**Alexandria, VA 22313-1450**

**TRANSMITTAL LETTER**

Enclosed for filing in the above-identified patent application, please find the following documents:

1. New Patent Application Transmittal;
2. Patent Application, (37 pages);
3. Transmittal of Formal Drawings;
4. Six (6) sheets of Formal drawings of Figs. 1-8;
5. Application Data Sheet;
6. Copy of the Declaration and Power of Attorney from Parent Application U.S. Serial No. 10/328,202; and
7. Return Post Card.

Pursuant to 37 C.F.R. § 1.27, Applicant claims small entity status.

The Commissioner for Patents is hereby authorized to charge any fees to Deposit Account No. 16-0085, Reference 20563/2284. A duplicate of this transmittal letter is enclosed for this purpose.

Date: March 15, 2004

Respectfully submitted,

Name: David J. Dykeman  
Registration No.: 46,678  
Customer No.: 29934  
Palmer & Dodge LLP  
111 Huntington Avenue  
Boston, MA 02199-7613  
Tel: 617-239-0100

## IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

|                 |  |                 |                  |
|-----------------|--|-----------------|------------------|
| Application of: | Hare et al.  | Examiner:       | Not Yet Assigned |
| Serial No.:     | Not Yet Assigned   | Group Art Unit: | Not Yet Assigned |
| Filed:          | March 15, 2004   | Conf. No.:      | Not Yet Assigned |
| Entitled:       | Apparatus and Method for<br>Ultrasonic Medical Device with<br>Improved Visibility in Imaging<br>Procedures |                 |                  |

**CERTIFICATE OF MAILING UNDER 37 CFR 1.10**

I hereby certify that the paper (and any paper or fee referred to as being enclosed) is being deposited with the United States Postal Service using Express Mail to Addressee Service, under 37 C.F.R. Section 1.10, **Express Mail Label No. EL928104226US** on this date, **March 15, 2004**, postage prepaid, in an envelope addressed to Mail Stop Patent Application, Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

David J. Dykeman

Name of Person Mailing Paper

Signature of Person Mailing Paper

**Attn: Official Draftsperson**  
**Mail Patent Application**  
**Commissioner for Patents**  
**P.O. Box 1450**  
**Alexandria, VA 22313-1450**

**TRANSMITTAL OF FORMAL DRAWINGS**

Enclosed please find formal drawings of Figures 1 – 8 on 6 separate sheets.

Acceptance of the formal drawings is respectfully requested.

Respectfully submitted,

Date: March 15, 2004

Name: David J. Dykeman

Registration No.: 46,678

Customer No.: 29934

Palmer &amp; Dodge LLP

111 Huntington Avenue

Boston, MA 02199-7613

Tel: 617-239-0100